

FIG. 1  
Payer Authentication  
Service (PAS) Architecture

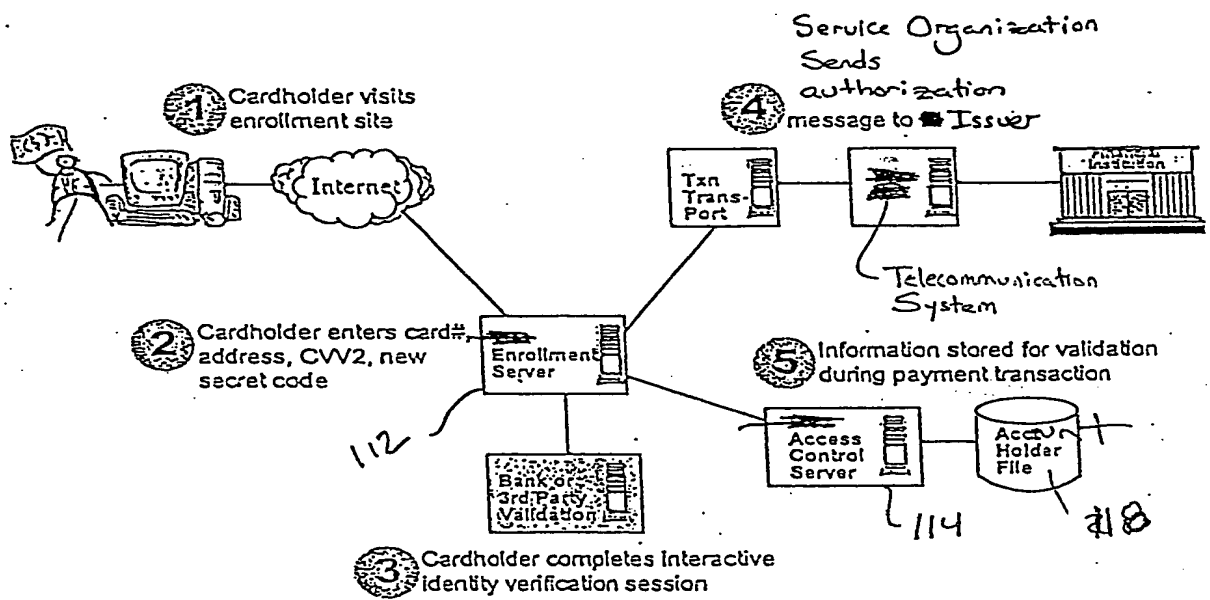


FIG. 2  
Cardholder Registration

Registration Page

300

Use 3 Digits of Acc # and:

Security Information

City:

State:

Zip:

Mother's Maiden Name:

Use 4 Digits of SSN:

Driver License No.:

Card Number:

Home Mortgage Bank:

Bank of America  
Home Finance of America  
Patriot Credit Union  
Western Mortgage  
Western Capital Mortgage

Pull-down menu

AnyBank

FIG. 3

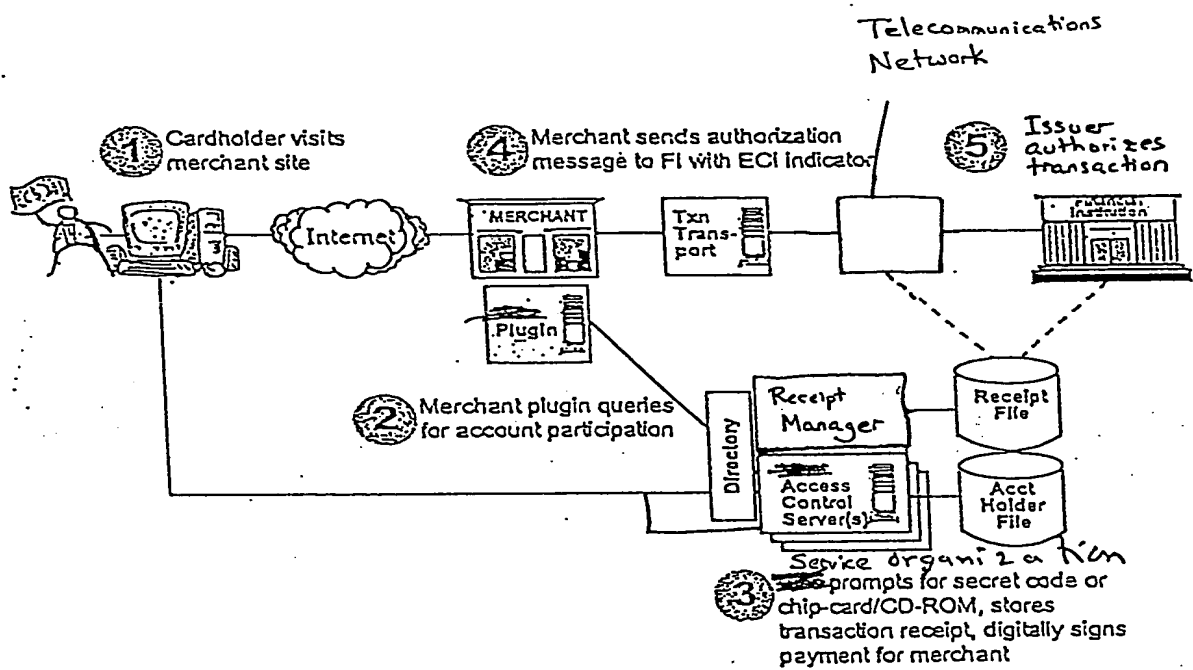


FIG. 4  
Payment Transaction

500

Merchant XYZ

**VISA**

Total \$XX.XX      Date: DD/MM/YY

Card No.: XXXX XXXX XXXX 9999

Visa password:

FIG. 5  
Payment Transaction  
Cardholder Password Prompt

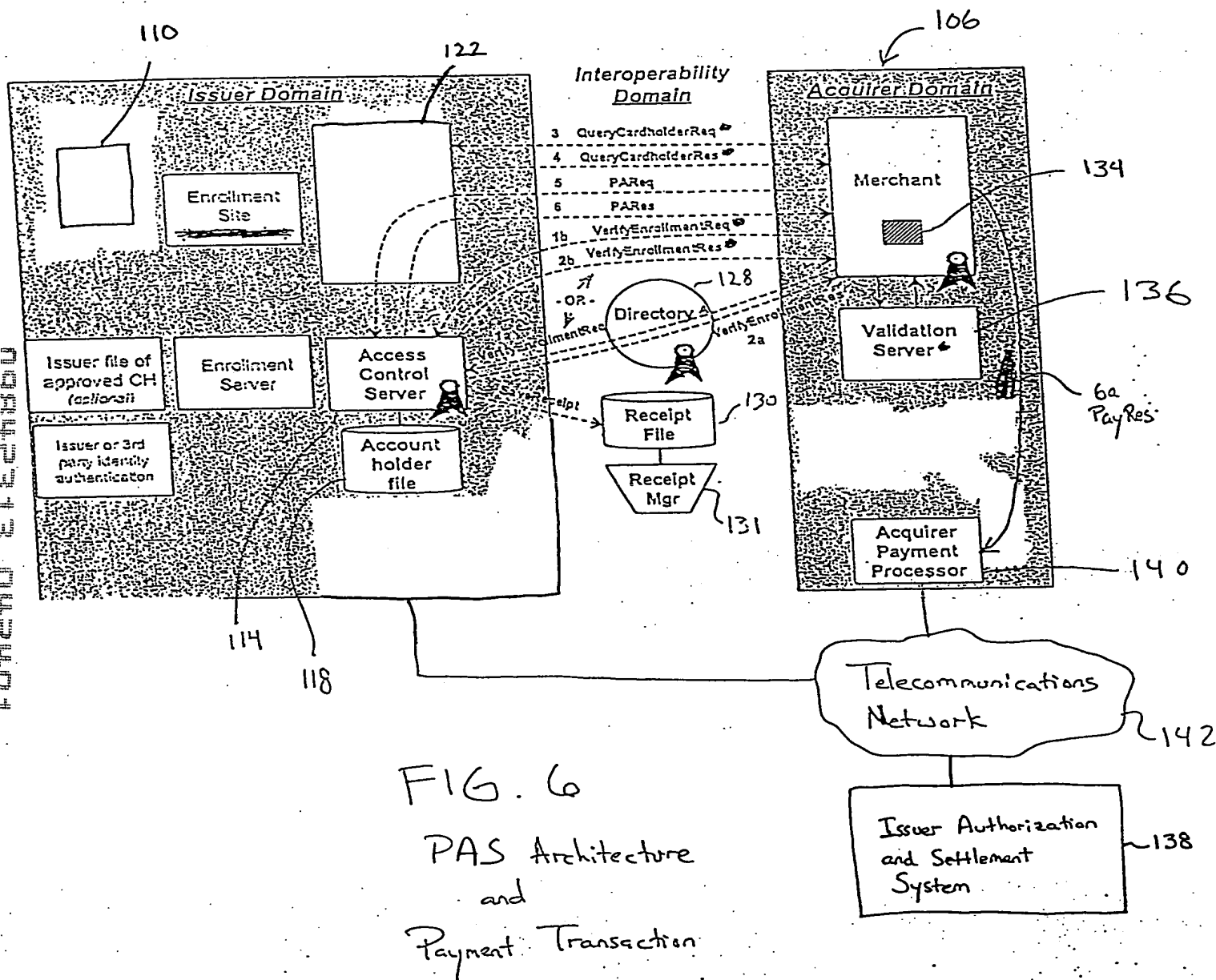


FIG. 6  
PAS Architecture  
and  
Payment Transaction

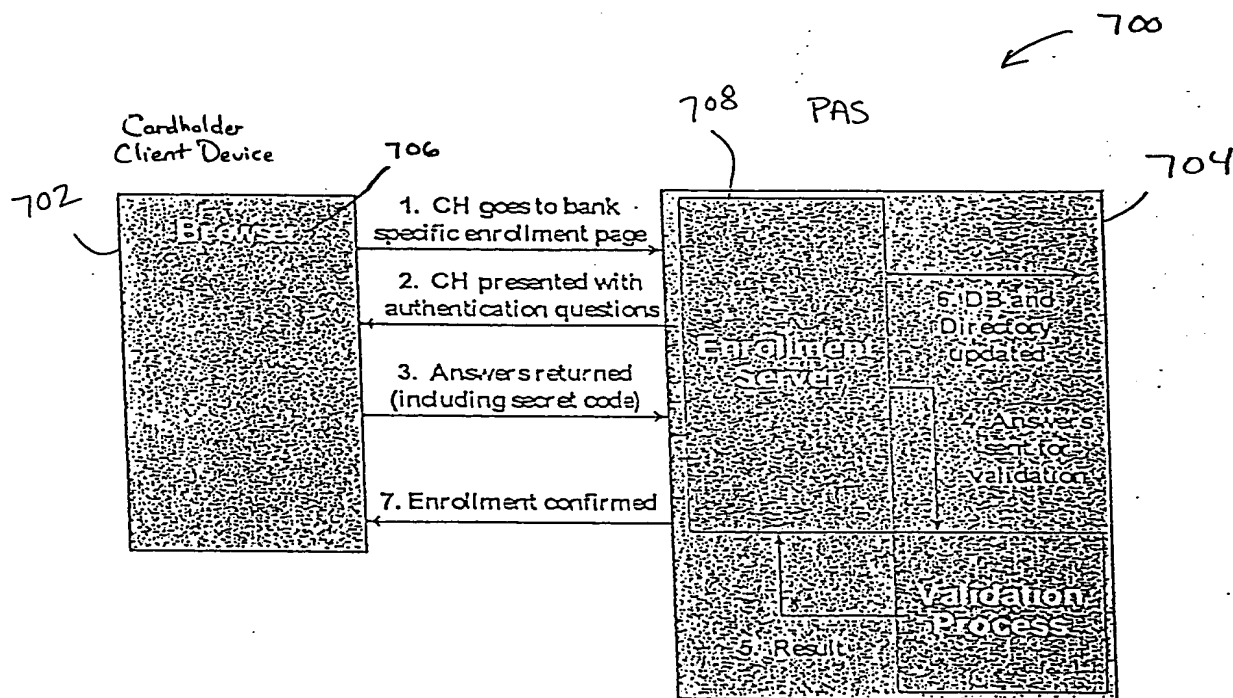


FIG. 7  
Centralized Enrollment Flow

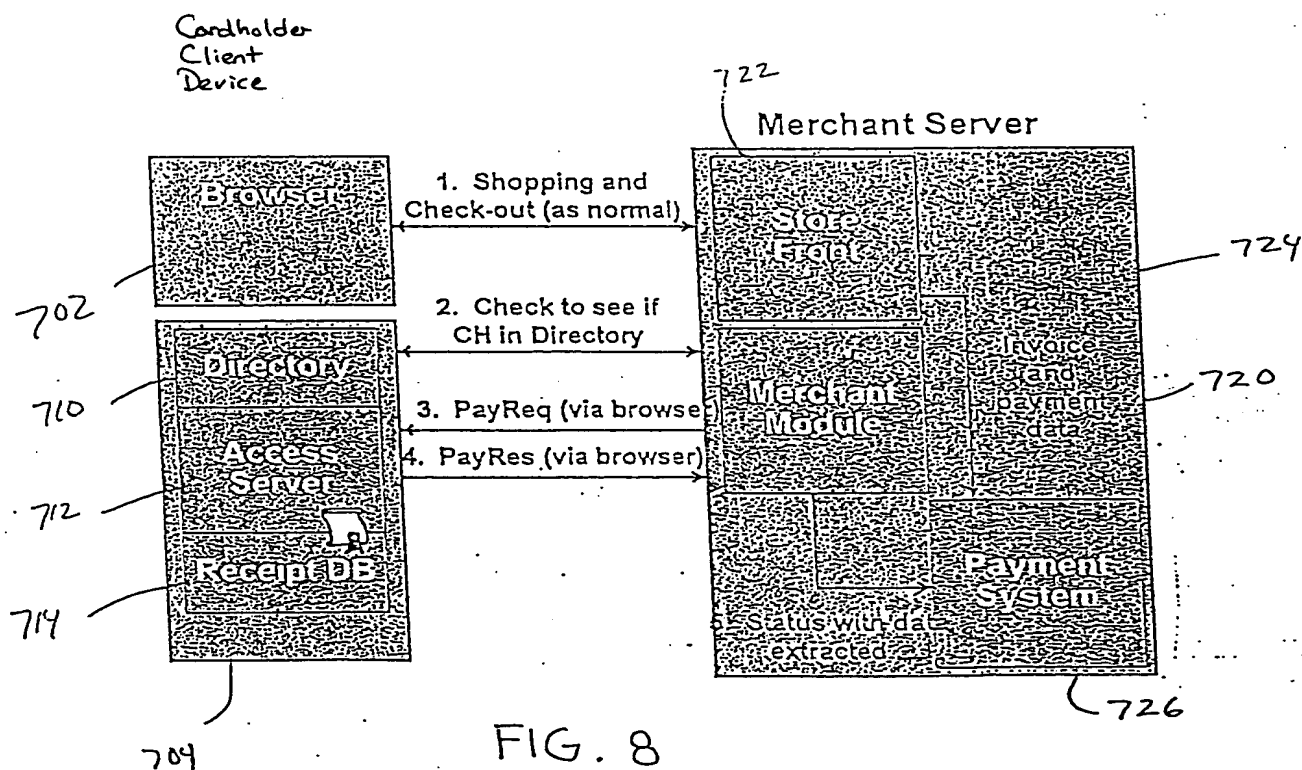


FIG. 8  
Centralized Payment Flow

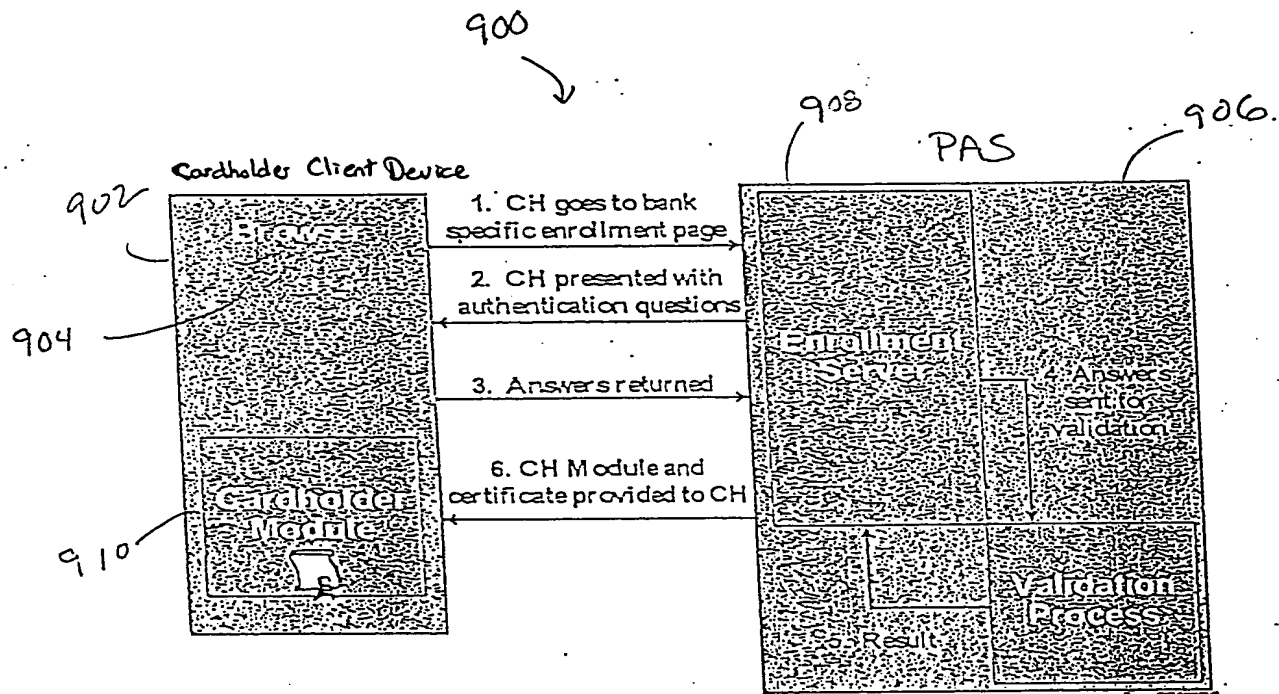


FIG. 9  
Distributed Enrollment Flow

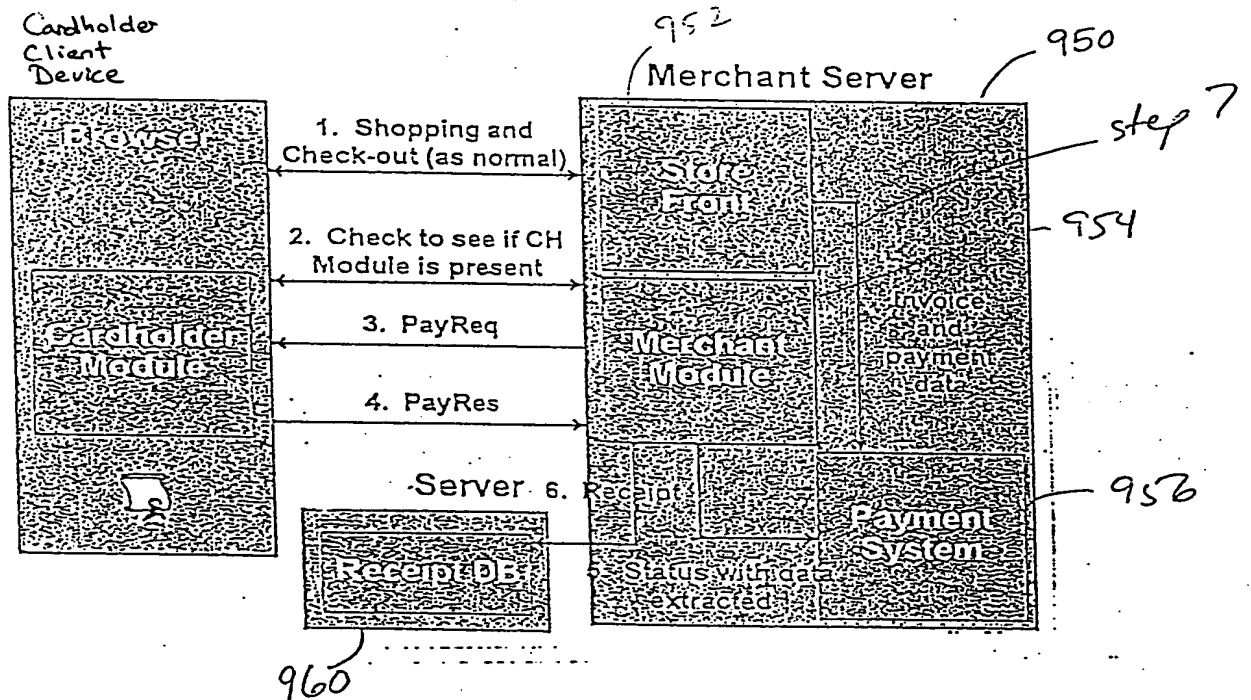


FIG. 10  
Distributed Payment Flow



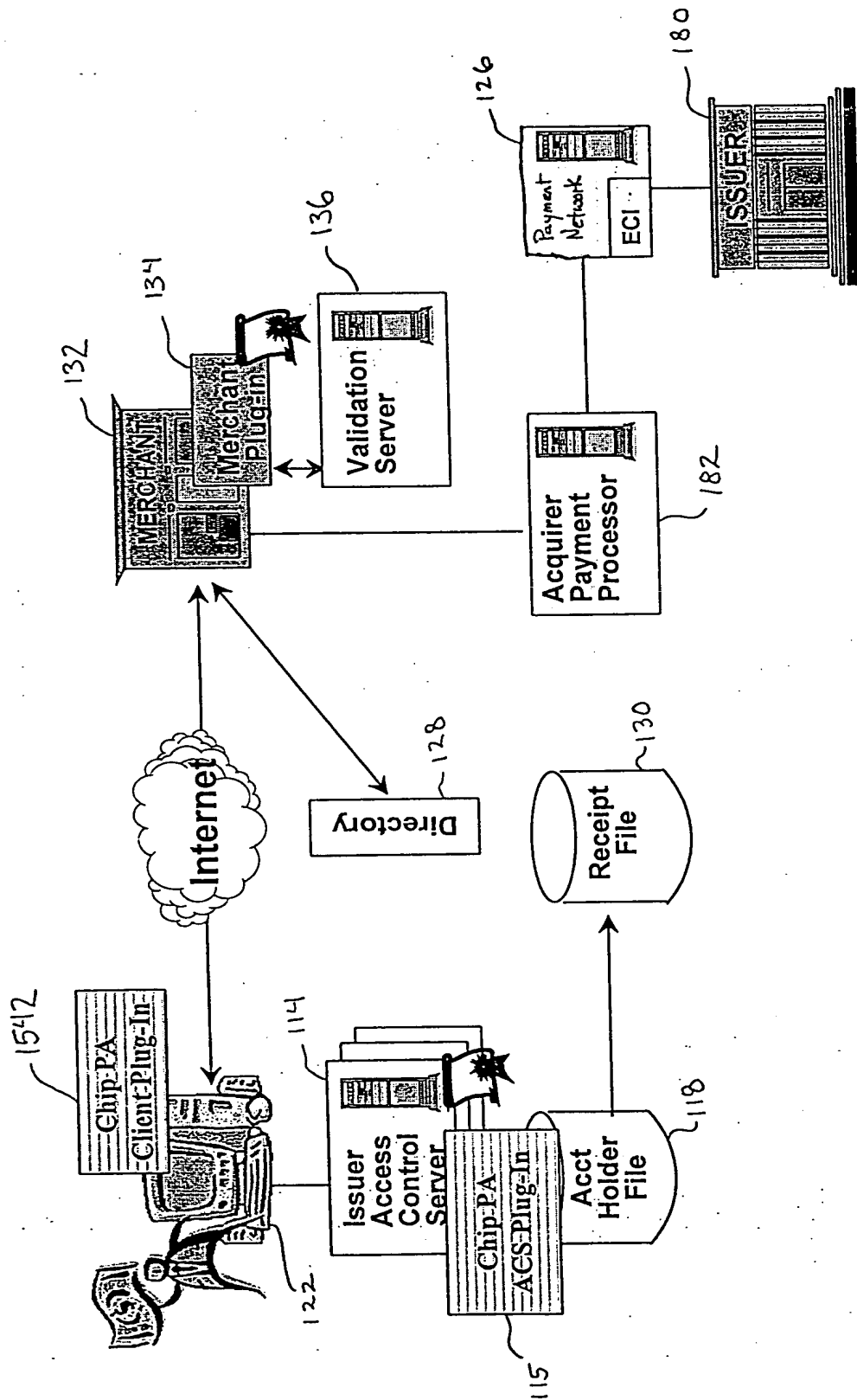


FIG. 10A  
Chip Card Payer Authentication Service Architecture

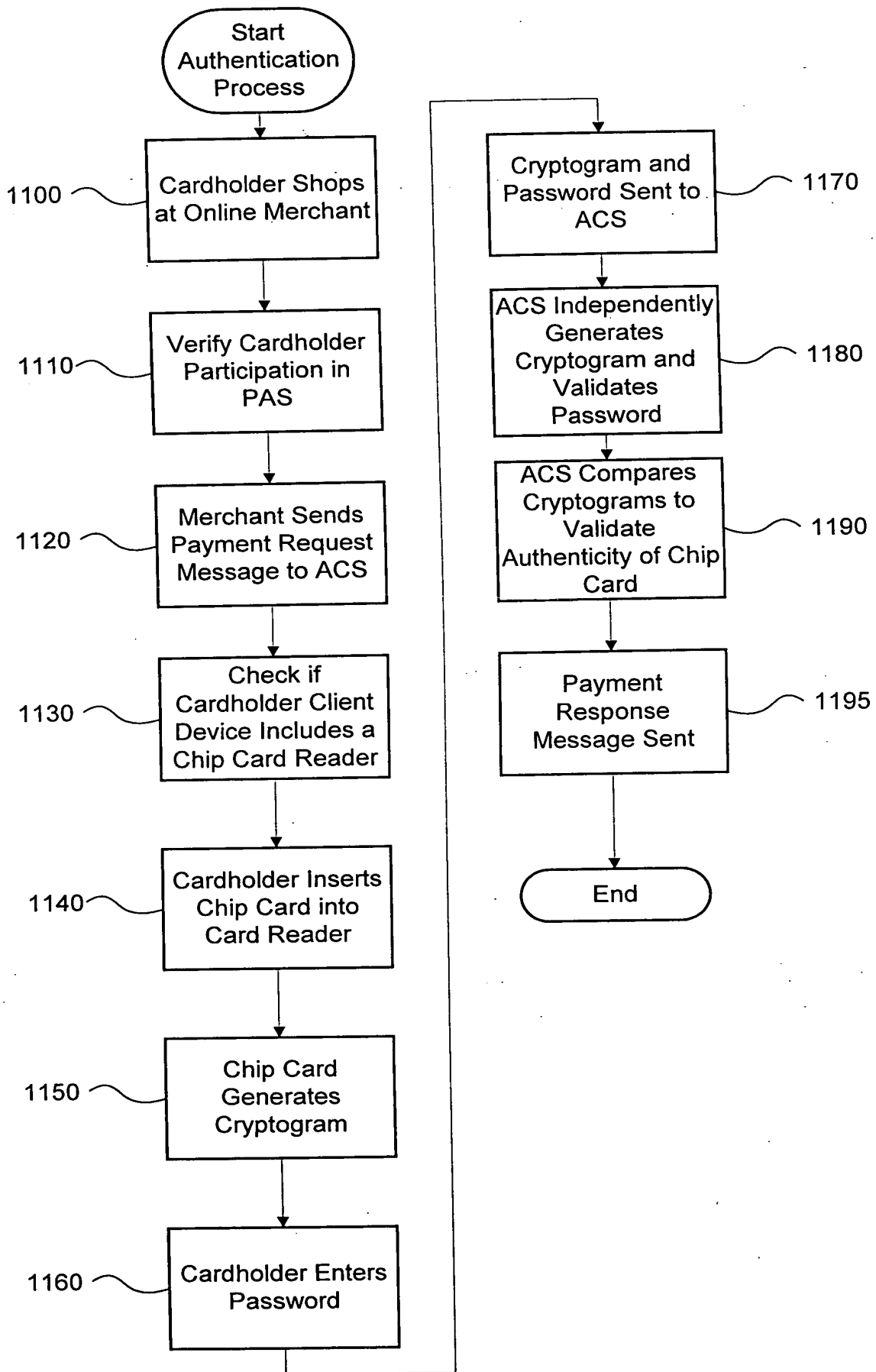


FIG. 11

FIG. 12

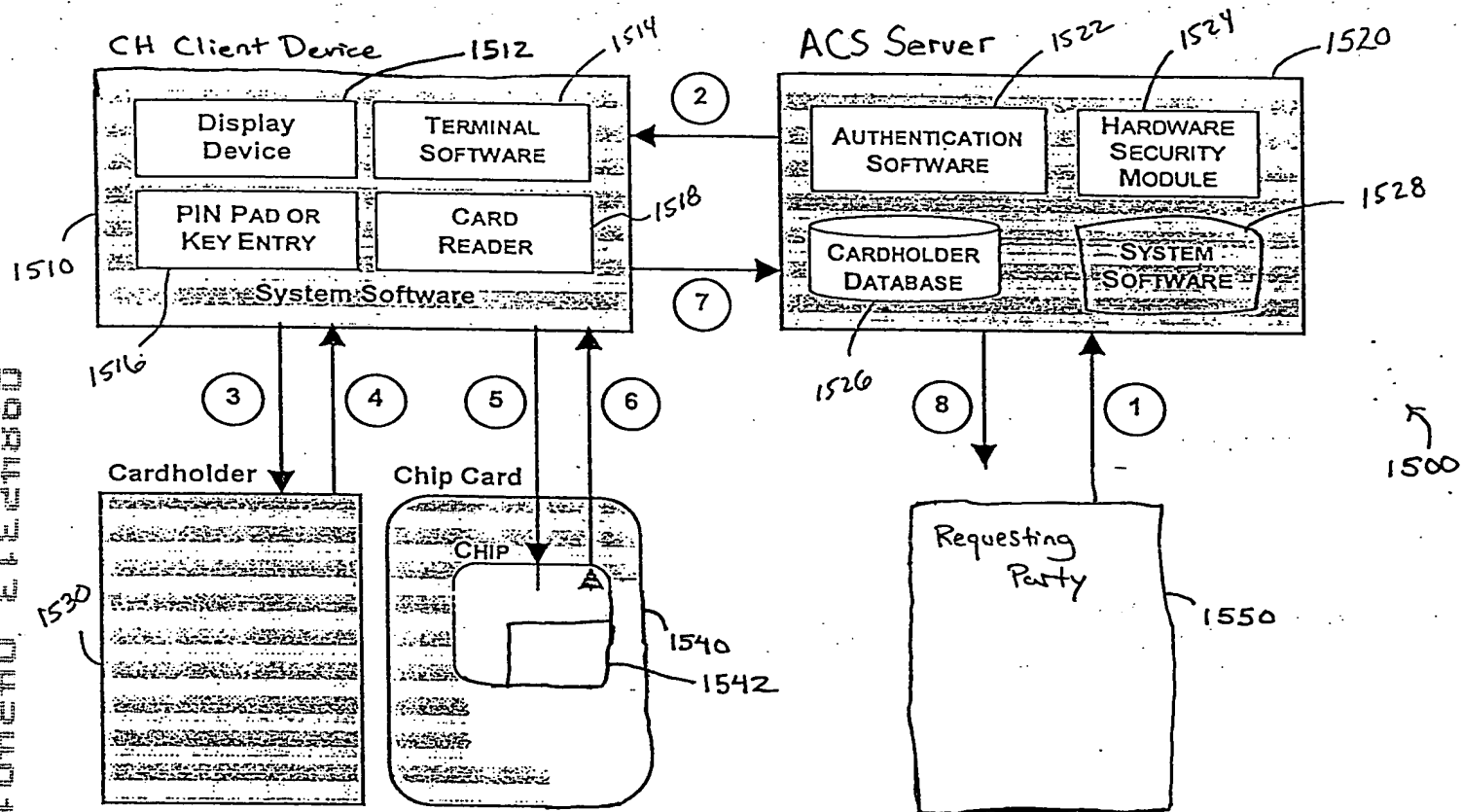
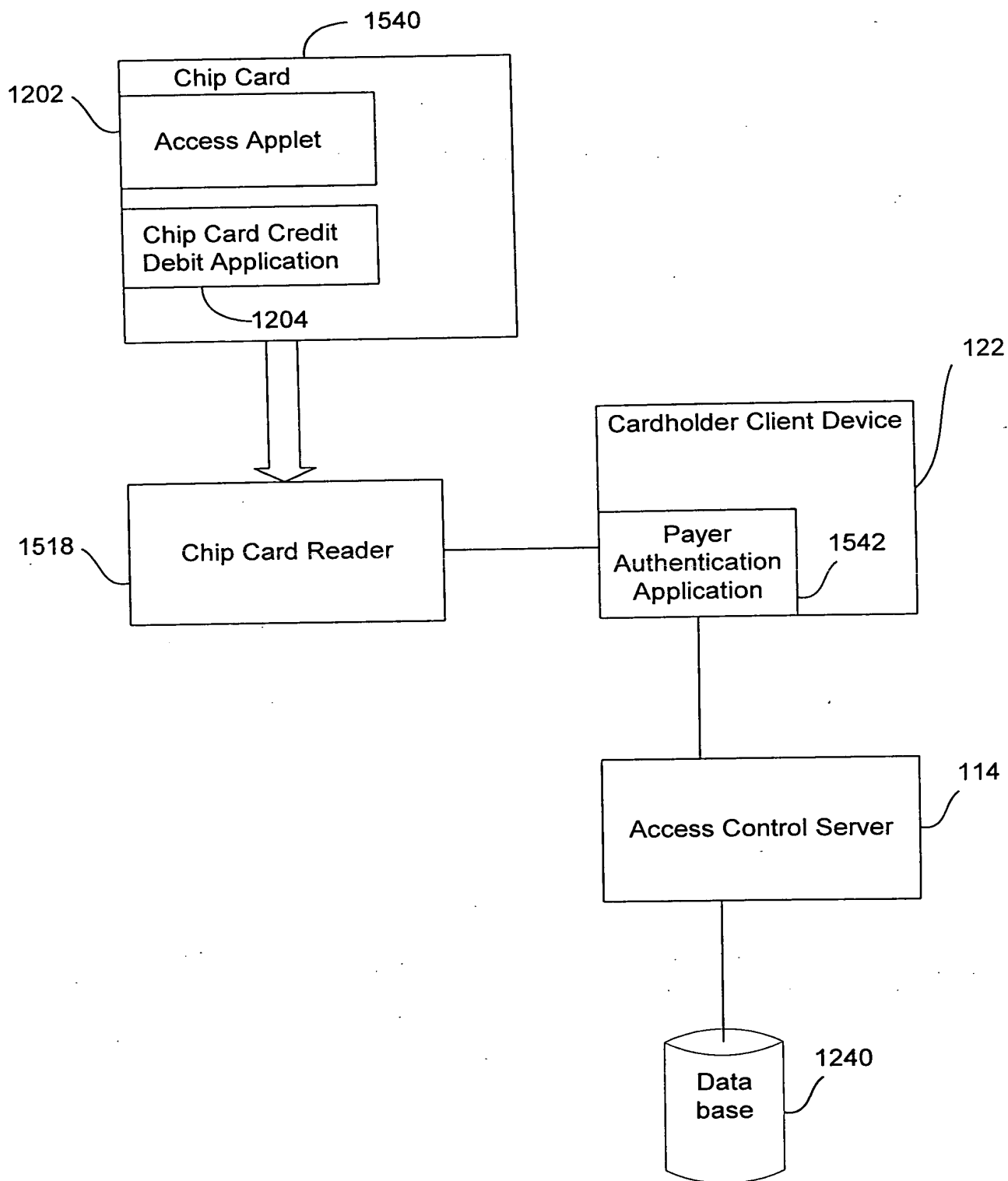


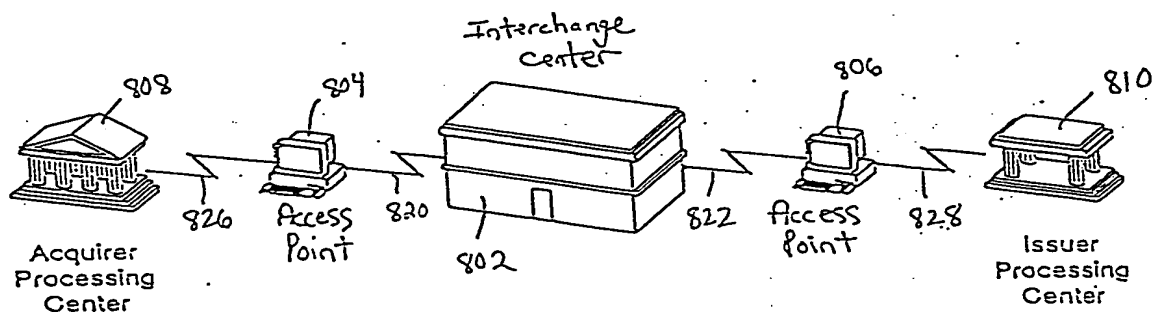
FIG. 12  
Payer Authentication Service  
with Chip Card





**FIG. 13**  
**PAS with Chip Card and**  
**Universal Access Application**

FOUO - EEE-860



800 → Telecommunications Network  
FIG. 14

### Interchange Center Systems

840 ↓

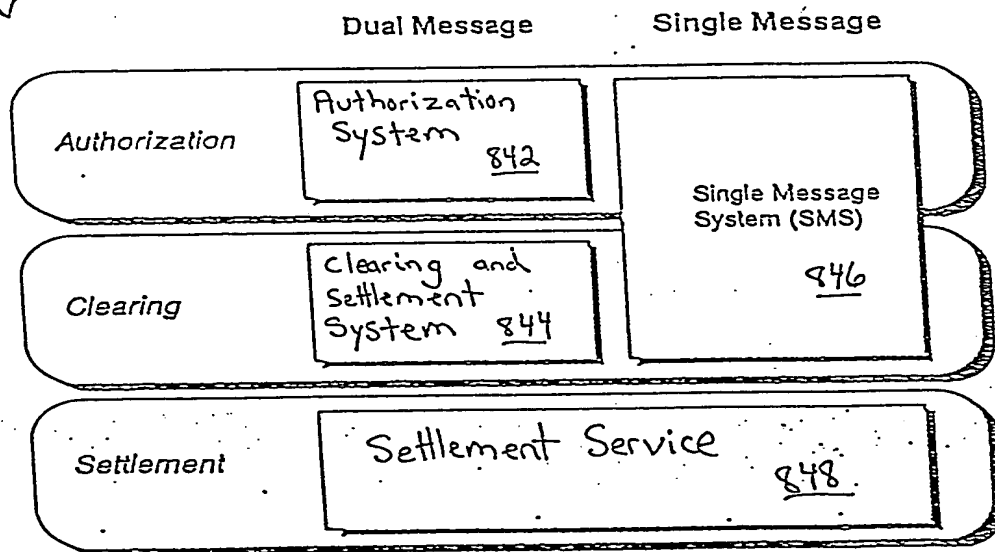


FIG. 15

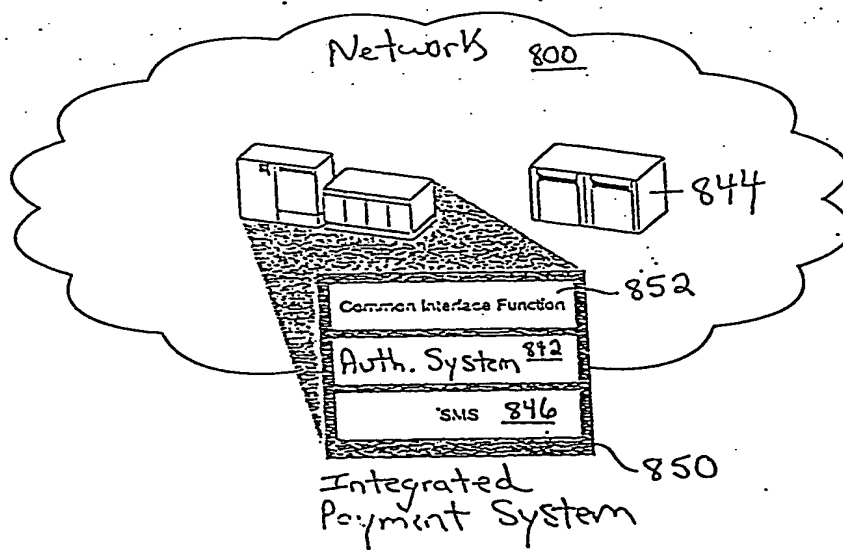


FIG. 16

FIG. 17A

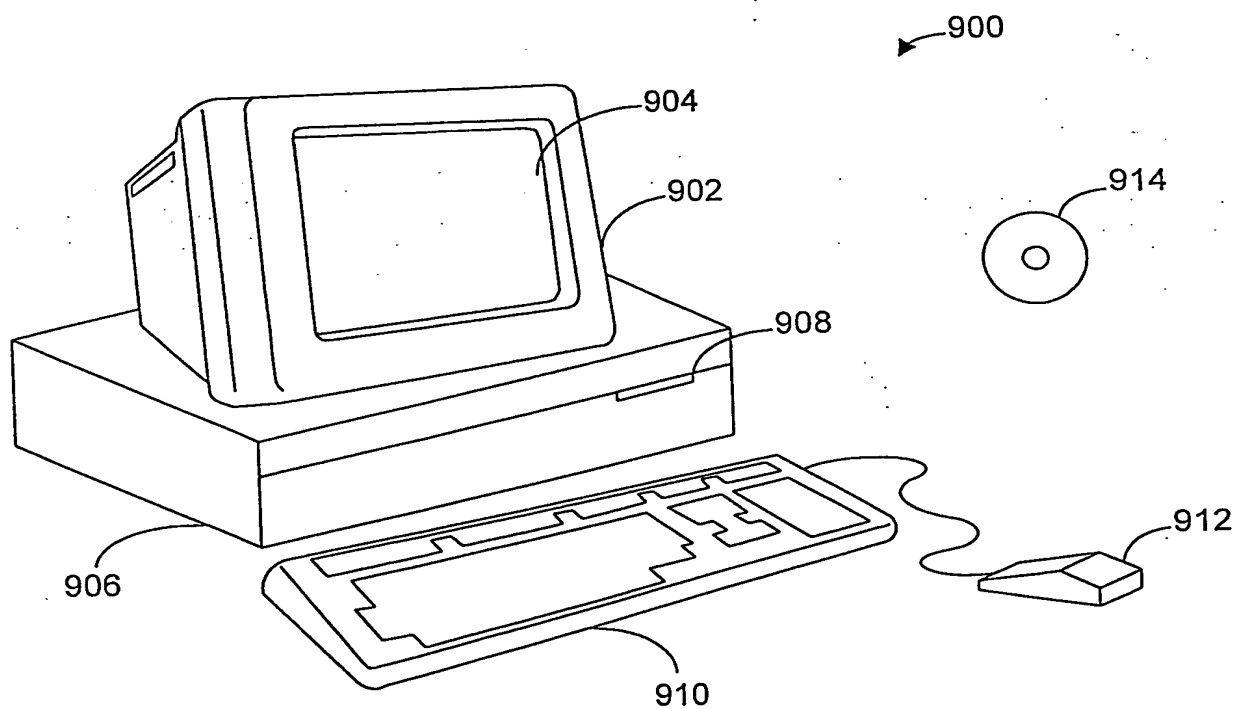


FIG. 17A

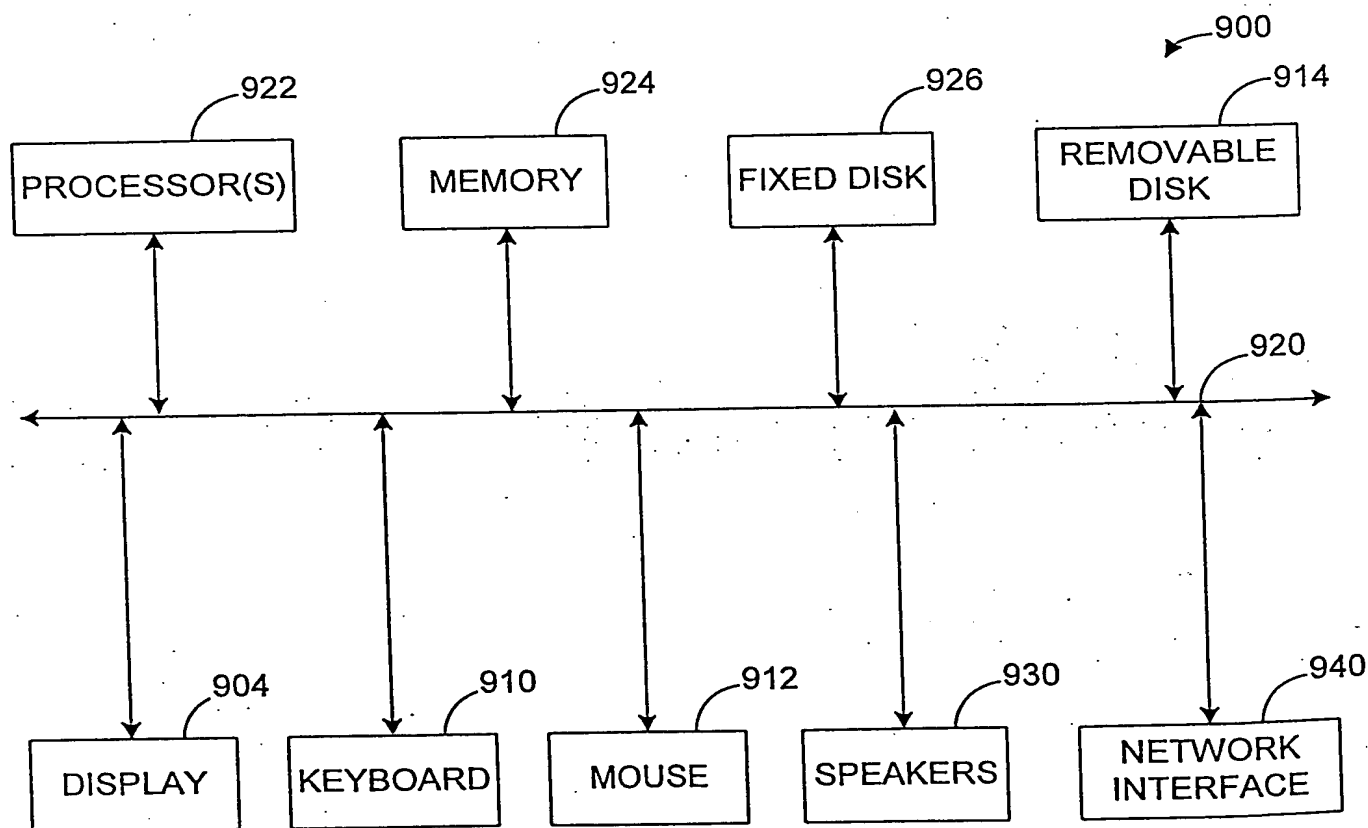


FIG. 17B